LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.128	514	517	526	rBV	84920	88905	1.50%	0.280%
2	5.528	581	585	598	rVB	603783	510969	8.64%	1.607%
3	6.534	752	756	759	rBV	516426	459218	7.77%	1.444%
4	6.681	777	781	785	rBV	645989	497066	8.41%	1.563%
5	6.916	817	821	825	rVB	900729	691322	11.69%	2.174%
6	7.069	843	847	851	rBV	455595	382852	6.48%	1.204%
7	7.475	912	916	919	rBV	274966	249647	4.22%	0.785%
8	8.169	1031	1034	1036	rBV	70069	64124	1.08%	0.202%
9	8.198	1036	1039	1042	rBV	954478	744375	12.59%	2.341%
10	8.781	1135	1138	1142	rVB	129291	97162	1.64%	0.306%
11	8.910	1157	1160	1163	rBV	138957	102528	1.73%	0.322%
12	9.010	1172	1177	1181	rBV2	156607	144265	2.44%	0.454%
13	9.269	1217	1221	1226	rVB	580875	443303	7.50%	1.394%
14	9.345	1231	1234	1237	rBV	169753	132119	2.23%	0.416%
15	9.534	1263	1266	1270	rBV3	97542	129265	2.19%	0.407%
16	9.610	1270	1279	1282	rVV2	150366	188711	3.19%	0.594%
17	9.663	1285	1288	1296	rVB3	113622	167882	2.84%	0.528%
18	9.728	1296	1299	1305	rBV2	94770	104551	1.77%	0.329%
19	9.816	1311	1314	1317	rBV2	172655	149381	2.53%	0.470%
20	9.875	1318	1324	1328	rVV	176660	151106	2.56%	0.475%
21	9.957	1334	1338	1341	rVB	696011	653025	11.05%	2.054%
22	9.986	1341	1343	1346	rVB	168980	123637	2.09%	0.389%
23	10.157	1369	1372	1375	rVB2	146788	137682	2.33%	0.433%
24	10.192	1375	1378	1382	rBV2	88370	81358	1.38%	0.256%
25	10.269	1387	1391	1393	rBV2	62158	68261	1.15%	0.215%
26	10.375	1402	1409	1412	rBV2	215458	202342	3.42%	0.636%
27	10.504	1427	1431	1436	rVB	266041	263906	4.46%	0.830%
28	10.592	1440	1446	1448	rVV4	77002	103389	1.75%	0.325%
29	10.739	1468	1471	1475	rVB	285700	241875	4.09%	0.761%
30	10.845	1486	1489	1498	rVB	177844	235947	3.99%	0.742%
31	11.051	1519	1524	1526	rBV3	80809	114210	1.93%	0.359%
32	11.075	1526	1528	1531	rVV2	66226	59339	1.00%	0.187%
33	11.298	1562	1566	1568	rBV	160563	147889	2.50%	0.465%
34	11.339	1568	1573	1577	rVB2	146645	184748	3.13%	0.581%

LSC Area Percent Report

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Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.445	1587	1591	1593	rBV	758845	772638	13.07%	2.430%
36	11.469	1593	1595	1598	rVV	1179365	904917	15.31%	2.846%
37	11.516	1601	1603	1606	rVB	287765	224985	3.81%	0.708%
38	11.669	1627	1629	1635	rBV	78466	74420	1.26%	0.234%
39	11.722	1635	1638	1644	rVV2	143630	155559	2.63%	0.489%
40	11.775	1644	1647	1652	rVV	83064	81224	1.37%	0.255%
41	11.822	1652	1655	1659	rVV	2165464	1920028	32.48%	6.039%
42	11.945	1672	1676	1678	rBV	230274	218123	3.69%	0.686%
43	11.975	1678	1681	1684	rVB	253738	243550	4.12%	0.766%
44	12.016	1685	1688	1691	rBV	91526	94265	1.59%	0.296%
45	12.057	1691	1695	1697	rVV2	295724	317074	5.36%	0.997%
46	12.080	1697	1699	1702	rVB	144189	113927	1.93%	0.358%
47	12.127	1704	1707	1713	rVB	122278	131751	2.23%	0.414%
48	12.239	1721	1726	1728	rBV2	123266	132228	2.24%	0.416%
49	12.386	1746	1751	1753	rBV2	52201	72497	1.23%	0.228%
50	12.416	1753	1756	1758	rVV2	82646	68731	1.16%	0.216%
51	12.516	1765	1773	1775	rBV	4712231	5911747	100.00%	18.594%
52	12.539	1775	1777	1782	rVV2	4565918	4294348	72.64%	13.507%
53	12.580	1782	1784	1787	rVV3	99613	114179	1.93%	0.359%
54	12.616	1787	1790	1793	rVV	1146460	891639	15.08%	2.804%
55	12.657	1793	1797	1801	rVV	894999	749517	12.68%	2.357%
56	12.698	1801	1804	1807	rVV2	80173	109524	1.85%	0.344%
57	12.751	1810	1813	1816	rVB2	72768	65120	1.10%	0.205%
58	12.851	1828	1830	1833	rBV	173531	190006	3.21%	0.598%
59	12.886	1833	1836	1842	rVV	877030	872623	14.76%	2.745%
60	12.939	1842	1845	1849	rVB2	63227	76984	1.30%	0.242%
61	13.022	1856	1859	1862	rBV	458121	394710	6.68%	1.241%
62	13.057	1862	1865	1867	rVB3	81683	88540	1.50%	0.278%
63	13.104	1869	1873	1876	rBV4	126091	176668	2.99%	0.556%
64	13.180	1883	1886	1887	rBV	123018	120659	2.04%	0.380%
65	13.216	1887	1892	1895	rVB2	272329	396045	6.70%	1.246%
66	13.245	1895	1897	1899	rBV	111611	109167	1.85%	0.343%
67	13.280	1901	1903	1906	rVB	137617	105017	1.78%	0.330%
68	13.322	1907	1910	1911	rVV	120958	112078	1.90%	0.353%
69	13.339	1911	1913	1917	rVB2	145420	128856	2.18%	0.405%
70	13.410	1923	1925	1928	rVB	97034	76959	1.30%	0.242%
71	13.439	1928	1930	1933	rBV	95037	108184	1.83%	0.340%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.763	1983	1985	1991	rVB3	68311	110505	1.87%	0.348%
73	13.833	1995	1997	2000	rVV	80921	73742	1.25%	0.232%
74	13.916	2008	2011	2015	rVB2	76433	92021	1.56%	0.289%
75	14.010	2024	2027	2032	rVB2	119547	117885	1.99%	0.371%
76	14.086	2035	2040	2042	rVV2	871099	1105693	18.70%	3.478%
77	14.110	2042	2044	2049	rVB	350963	299424	5.06%	0.942%
78	14.227	2062	2064	2070	rBV5	58463	68179	1.15%	0.214%
79	14.974	2188	2191	2195	rVB	110155	119465	2.02%	0.376%
80	15.139	2215	2219	2222	rBV	160738	251570	4.26%	0.791%
81	15.451	2269	2272	2277	rVB	108778	132321	2.24%	0.416%
82	15.515	2279	2283	2289	rVB	148673	192776	3.26%	0.606%
83	15.580	2290	2294	2298	rBV	402230	495227	8.38%	1.558%

Sum of corrected areas: 31793654

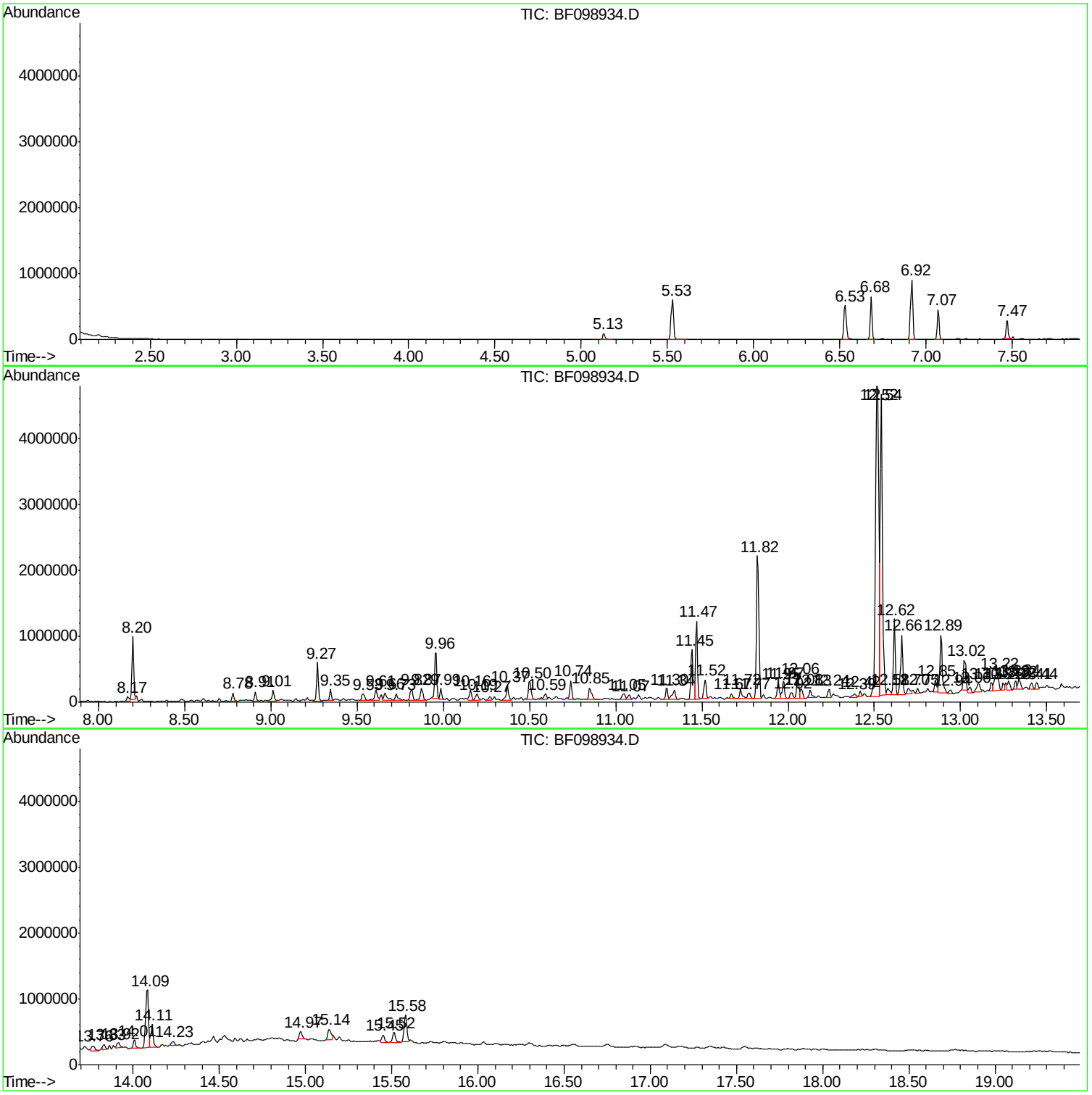
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

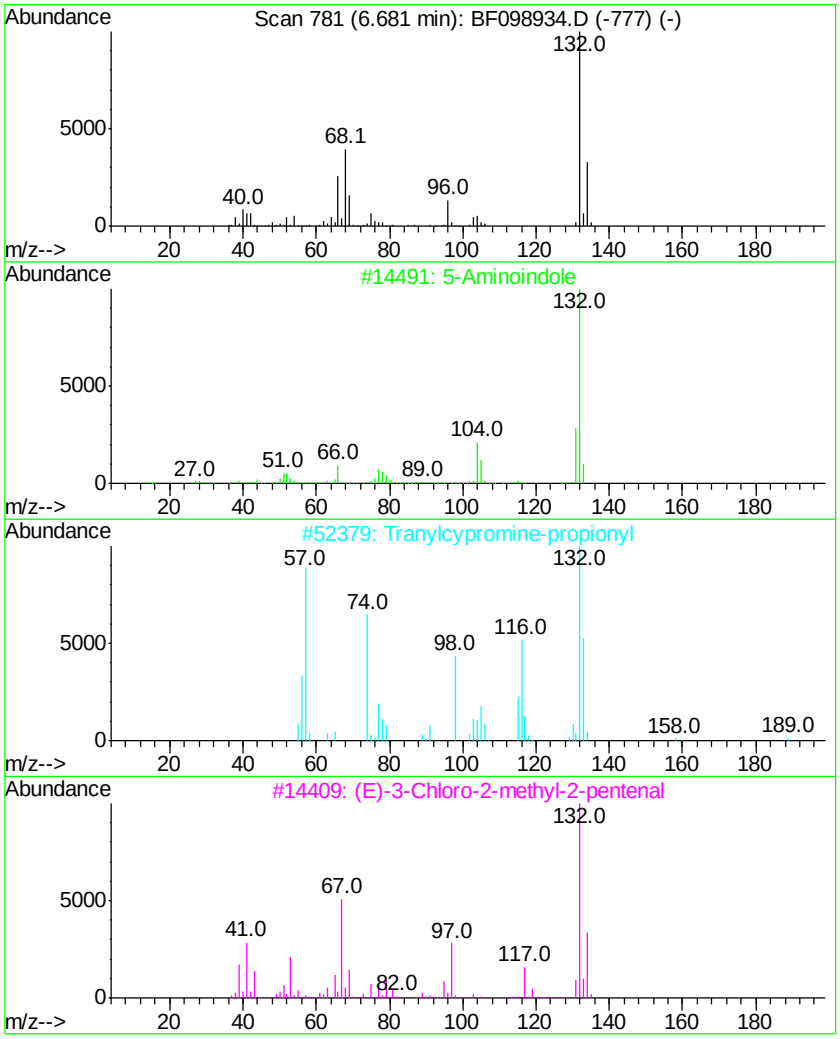
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

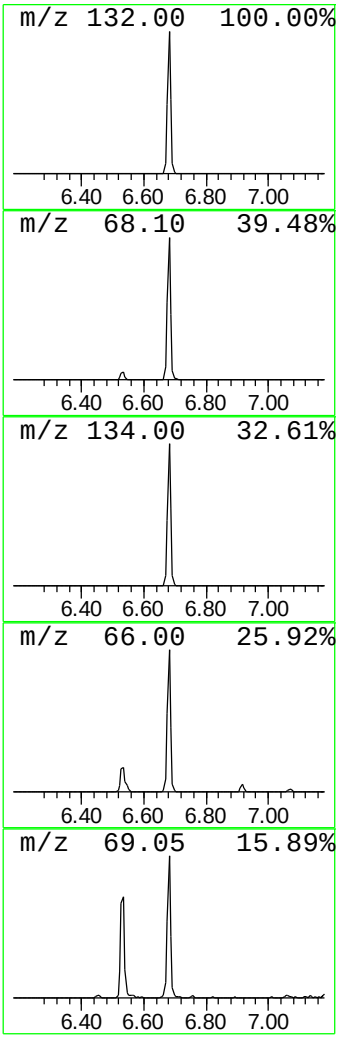
****

Peak Number 1 unknown6.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	14.38 ng	497066	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

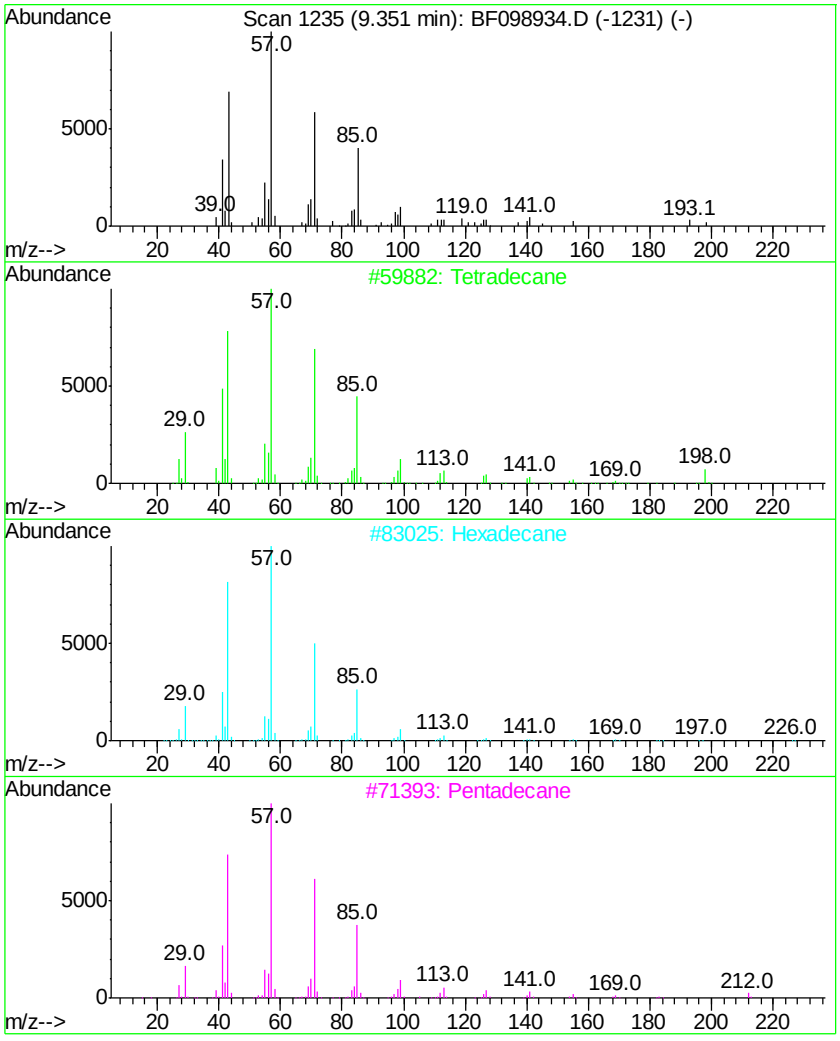
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

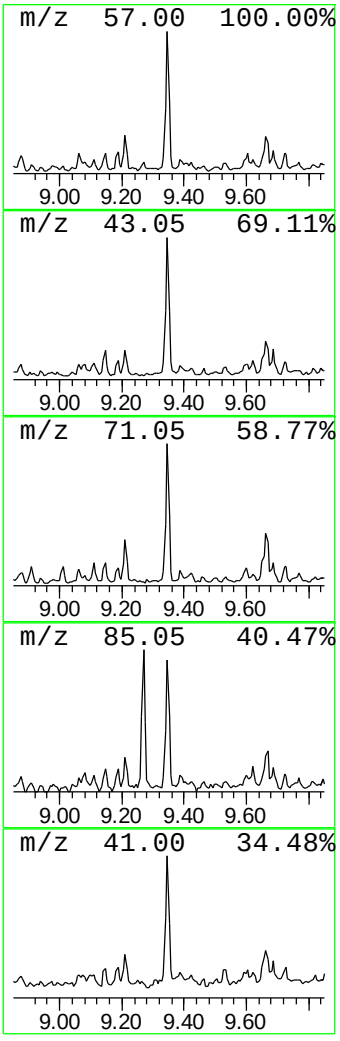
****

Peak Number 3 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	4.05 ng	132119	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Undecane	156	C11H24	001120-21-4	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

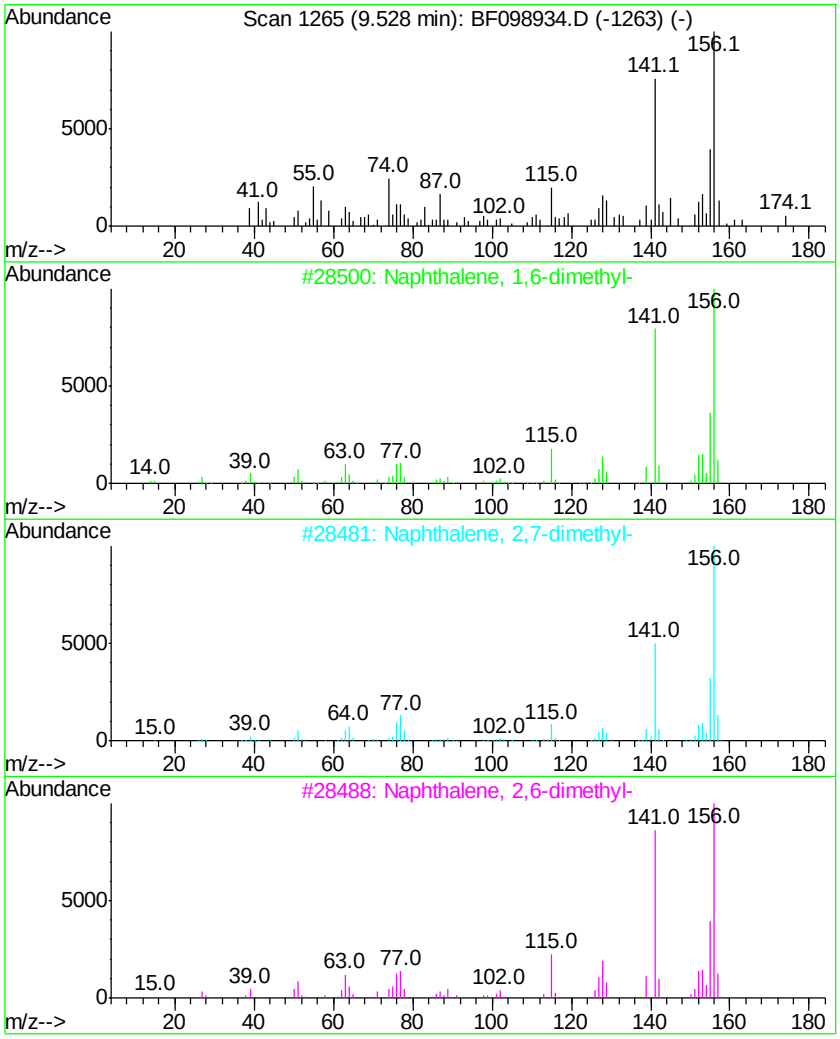
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

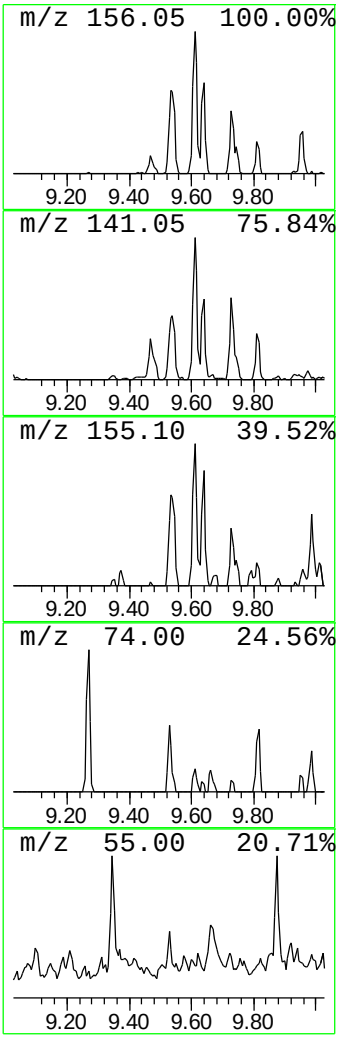
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	3.96 ng	129265	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





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Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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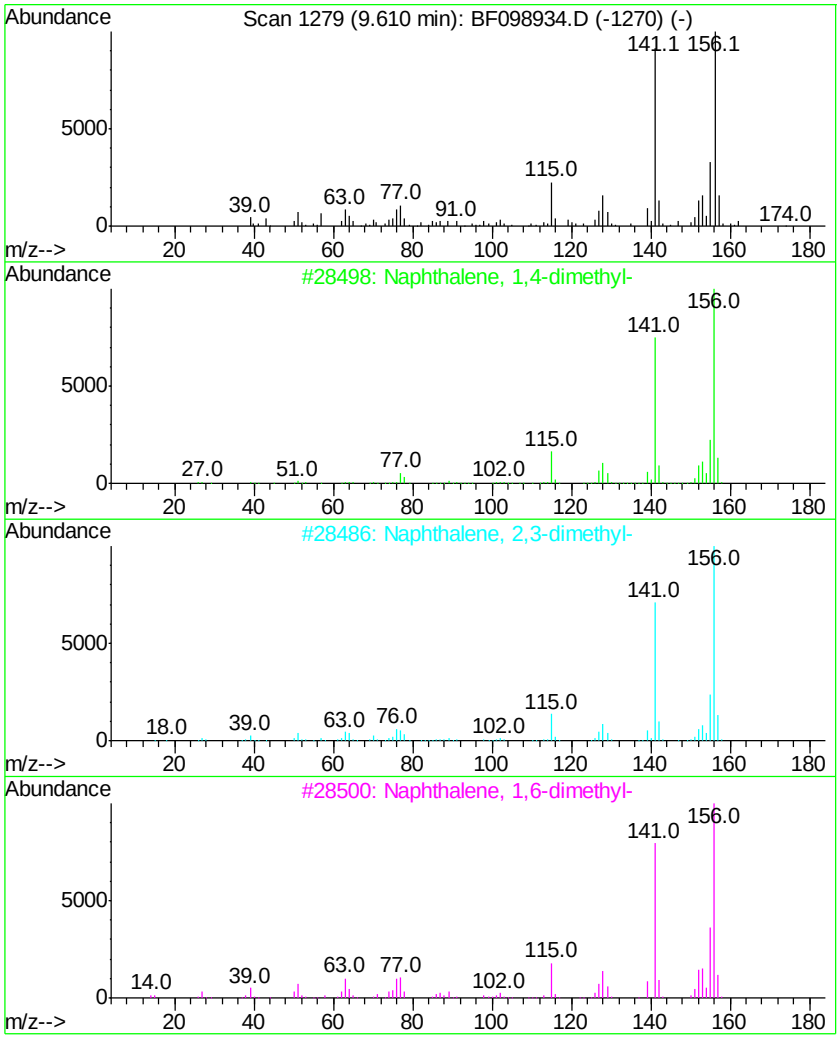
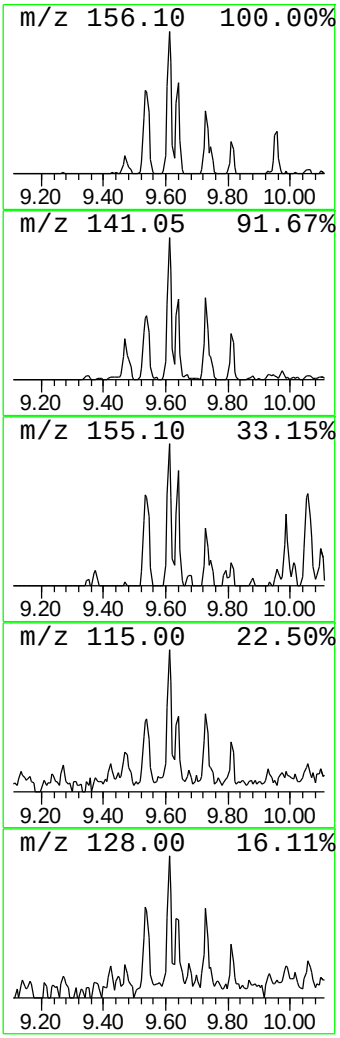
Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	5.78 ng	188711	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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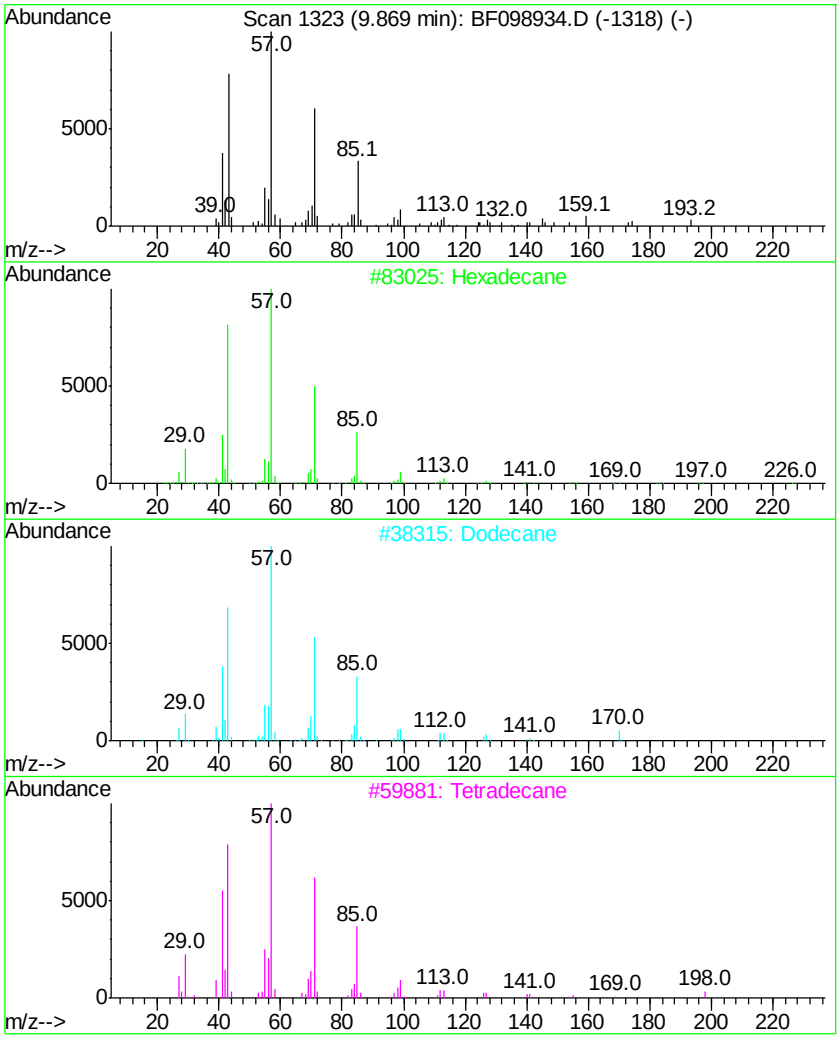
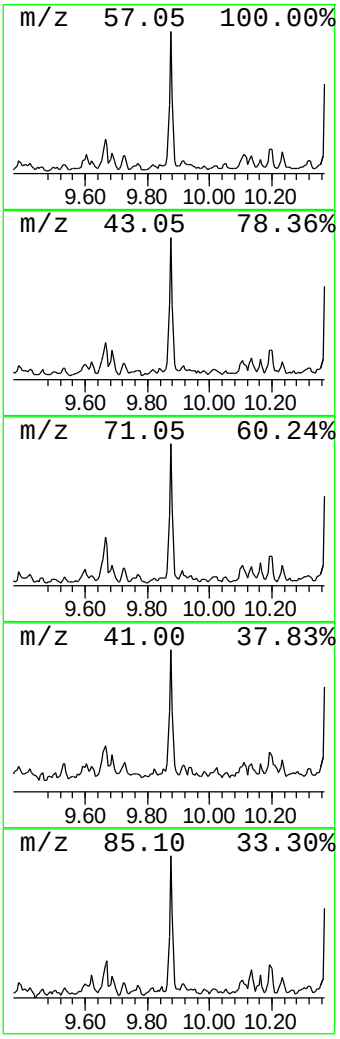
Peak Number 7 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	4.63 ng	151106	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane	170	C12H26	000112-40-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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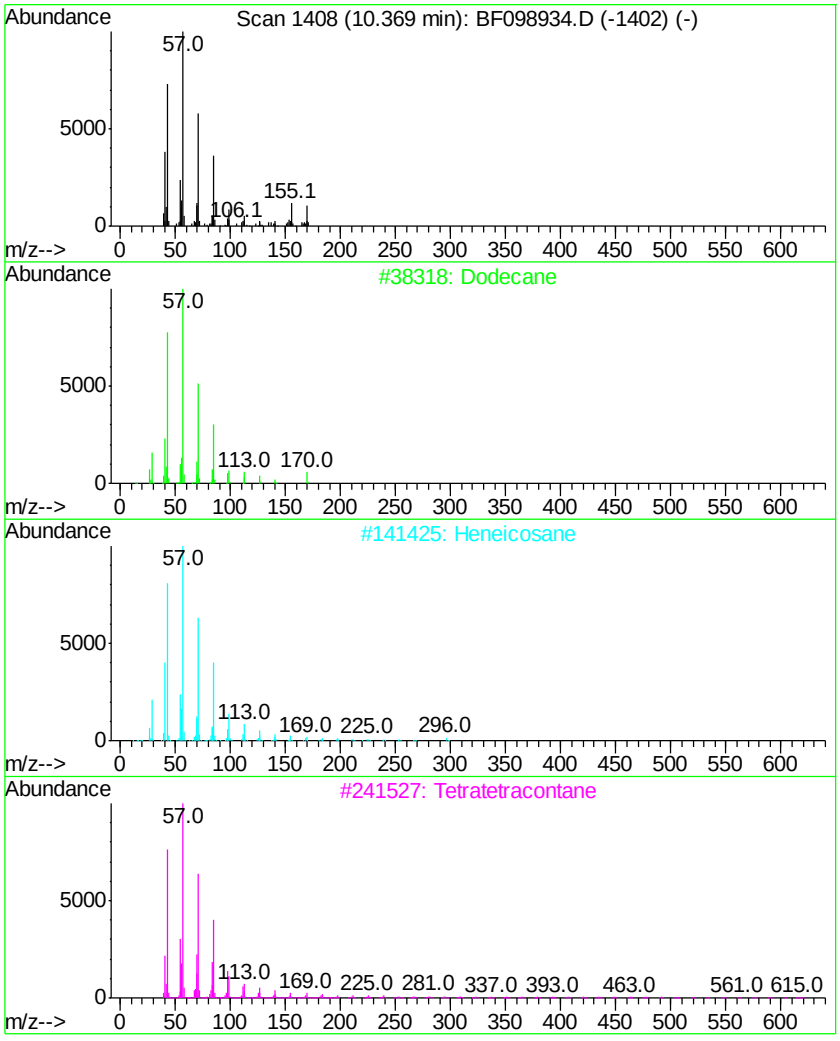
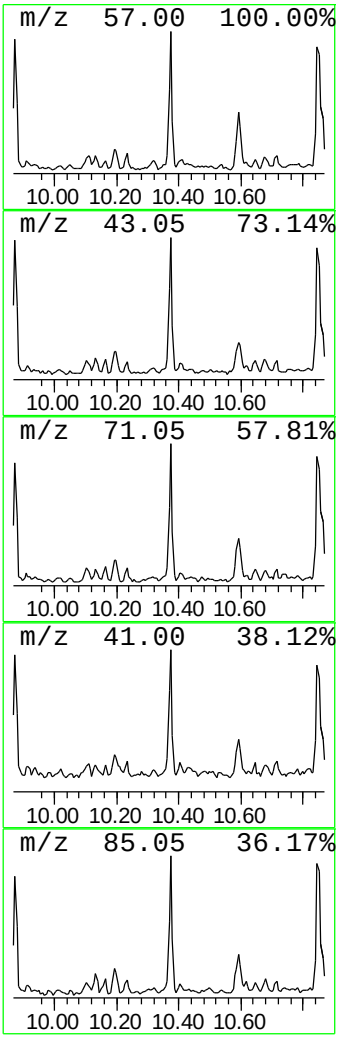
Peak Number 8 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	6.20 ng	202342	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	94
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetratetracontane	619	C44H90	007098-22-8	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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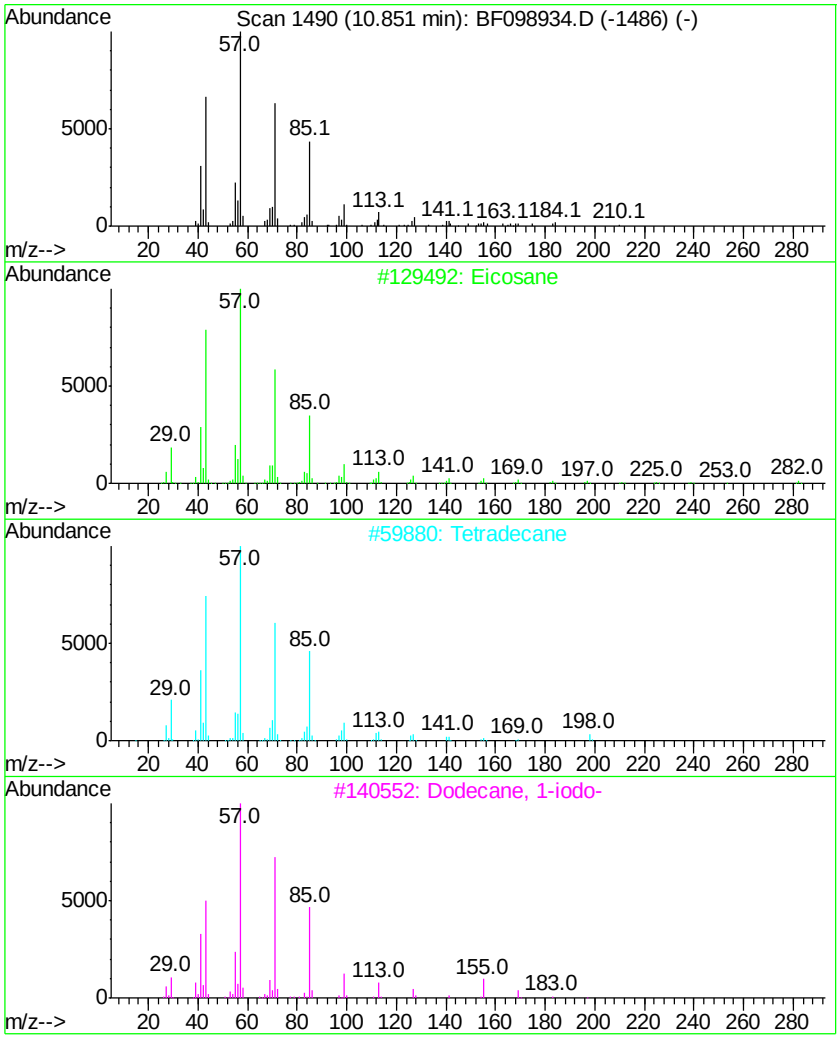
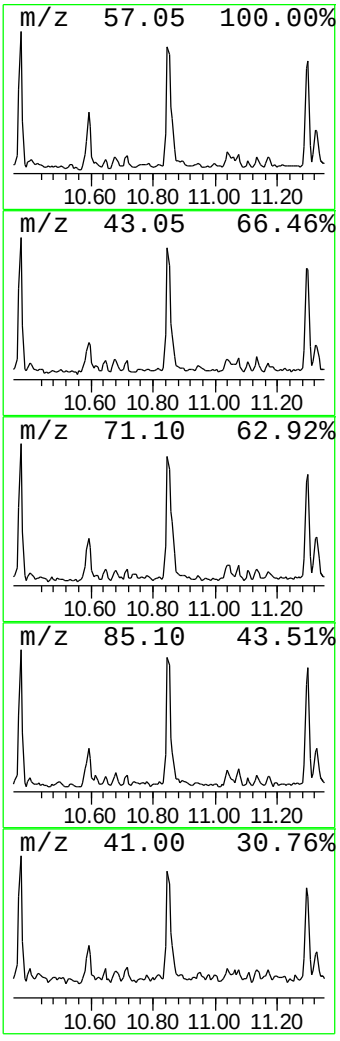
Peak Number 9 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	6.11 ng	235947	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Octacosane	394	C28H58	000630-02-4	86





Library Search Compound Report

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Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

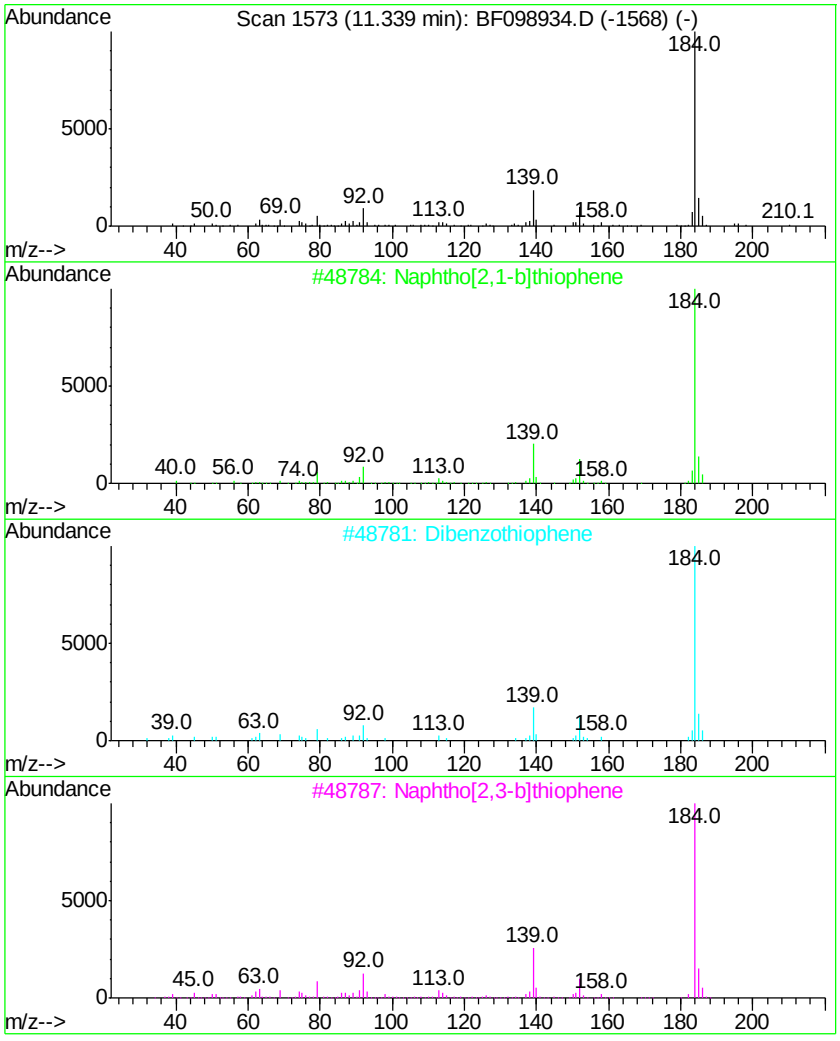
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

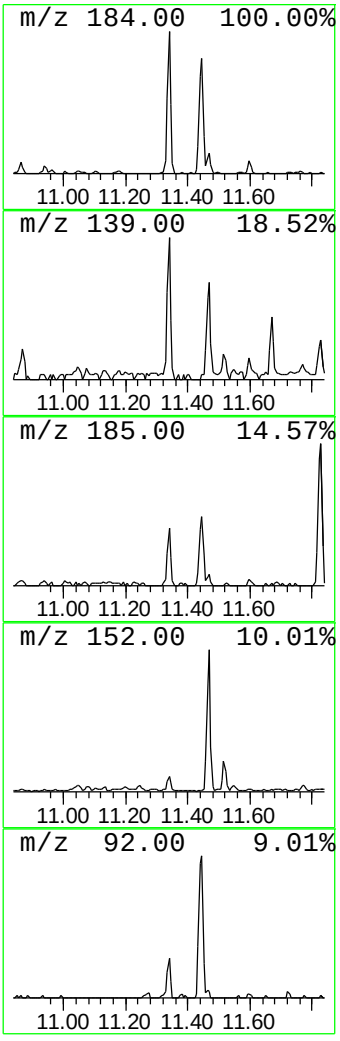
****

Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	4.78 ng	184748	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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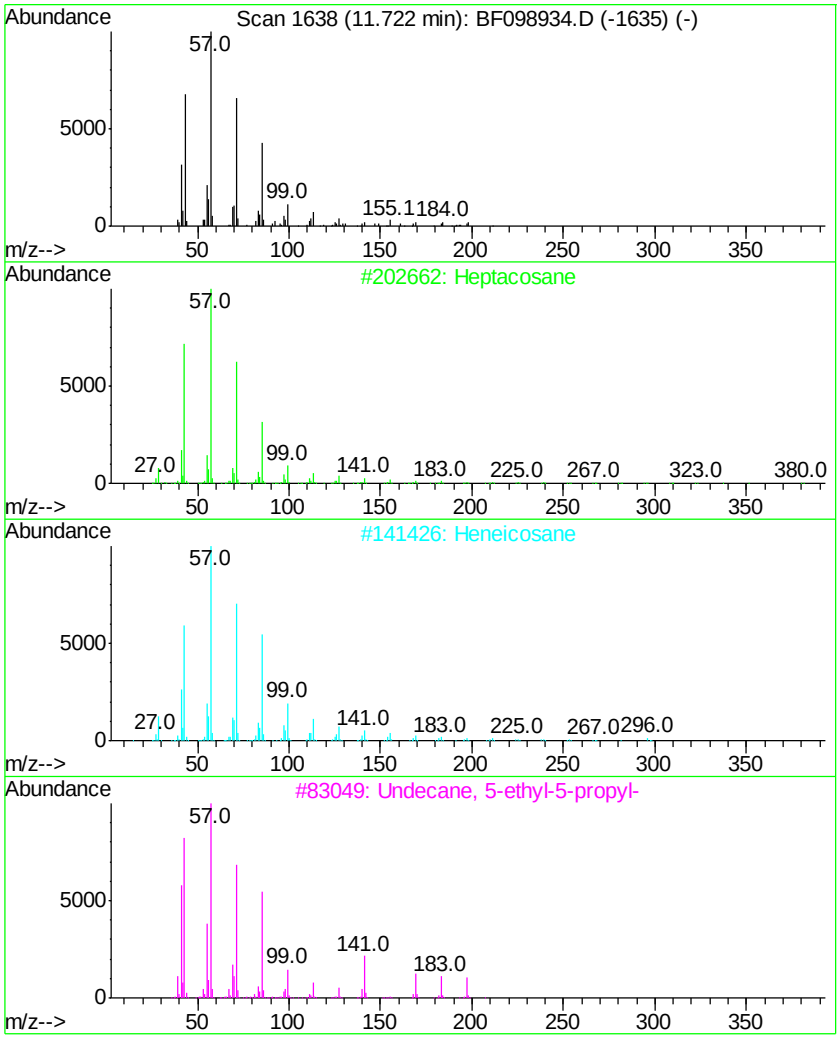
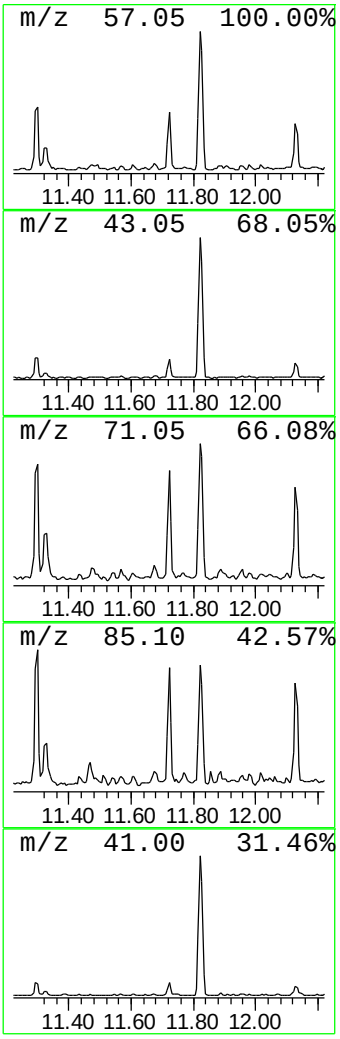
Peak Number 11 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.03 ng	155559	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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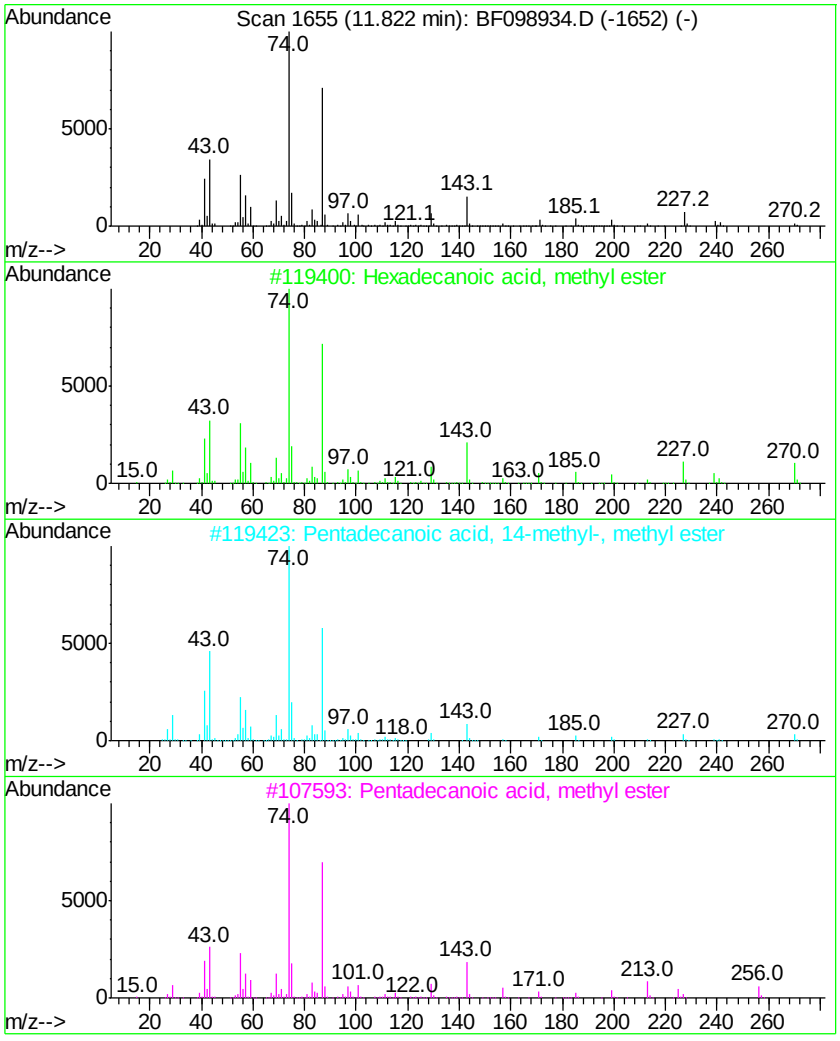
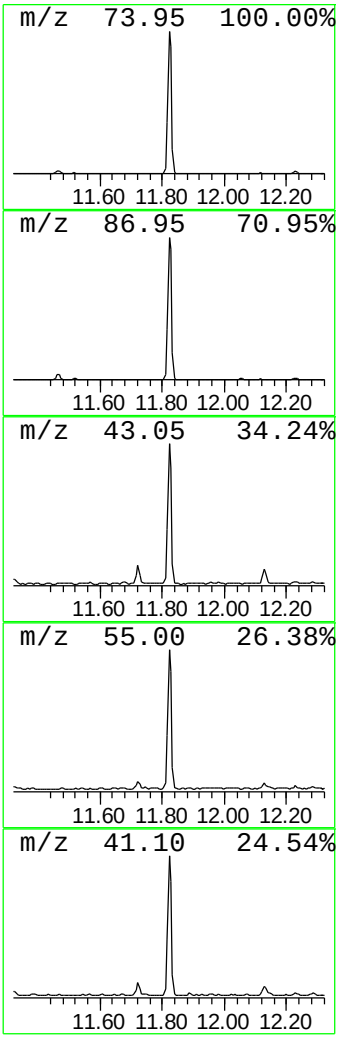
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	49.70 ng	1920030	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	90
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90





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Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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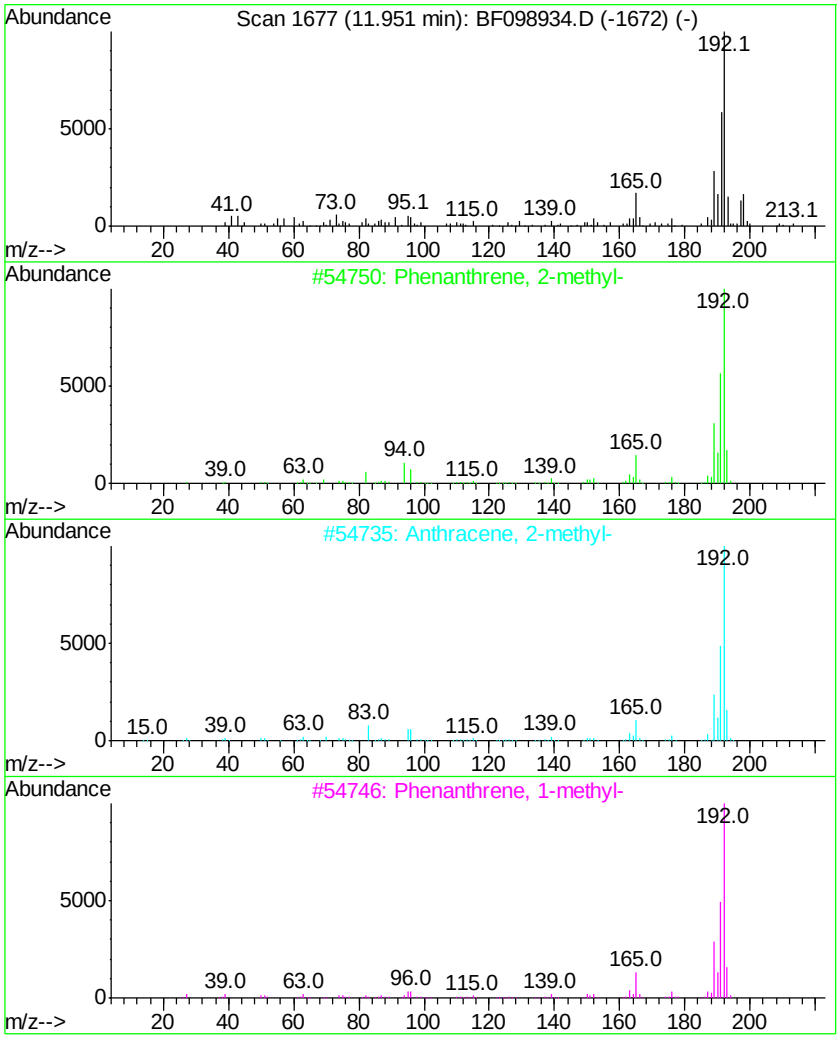
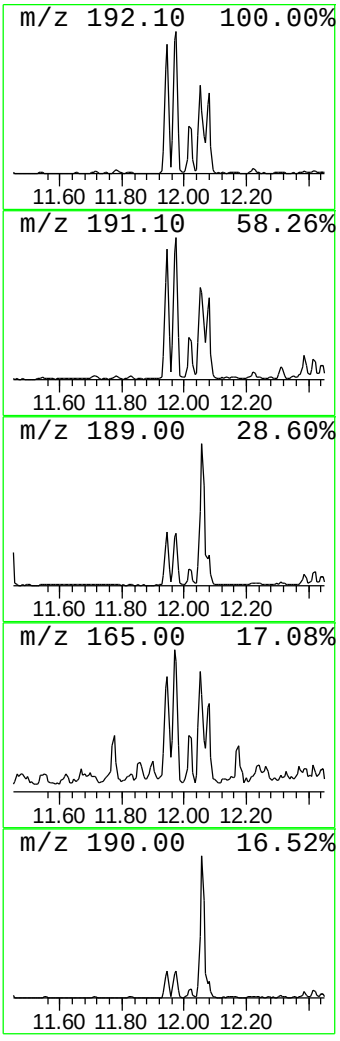
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.65 ng	218123	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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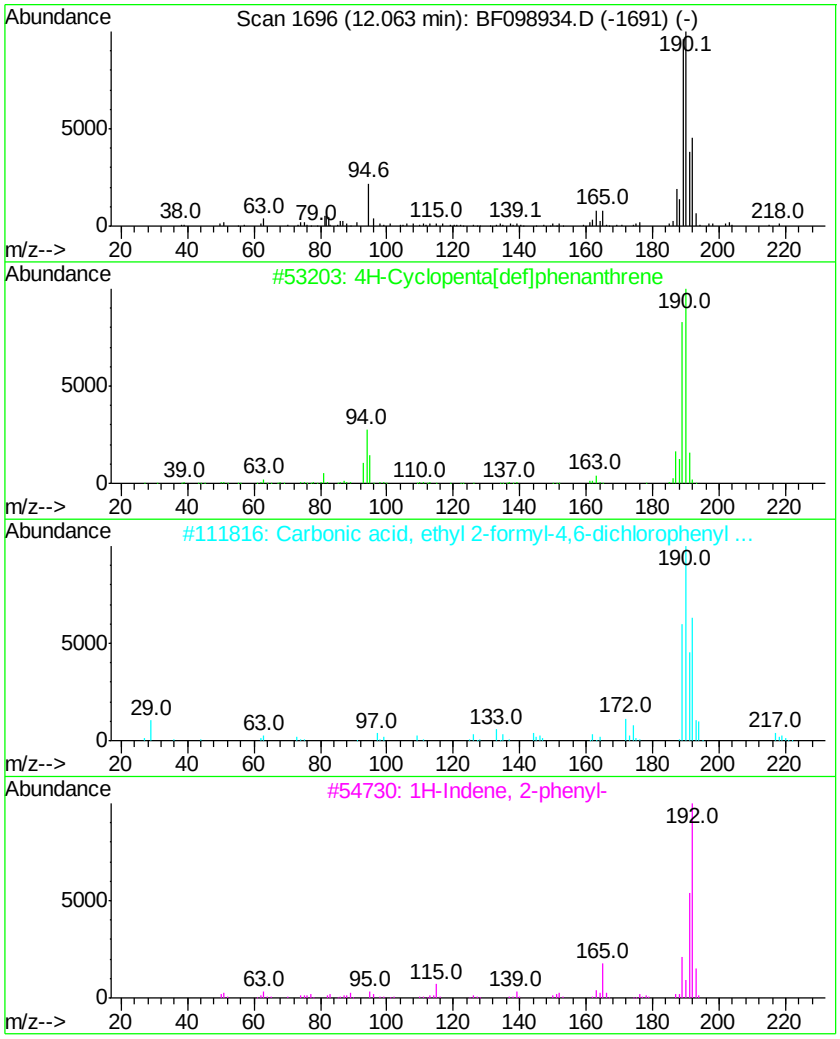
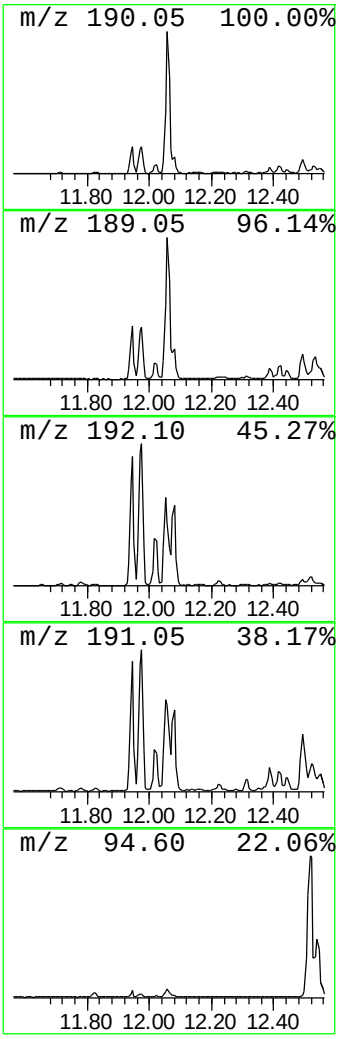
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	8.21 ng	317074	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	25





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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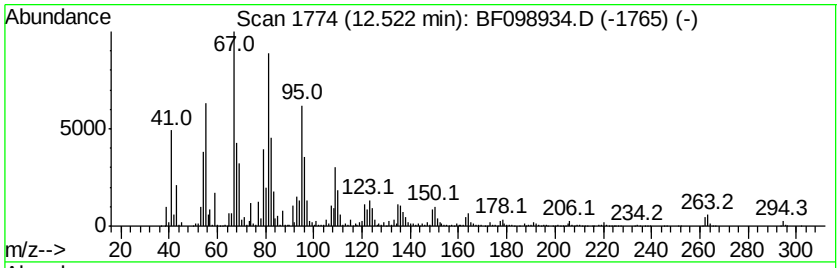
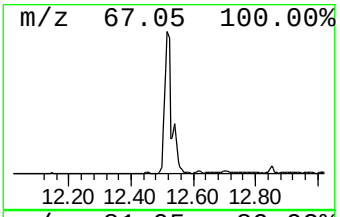
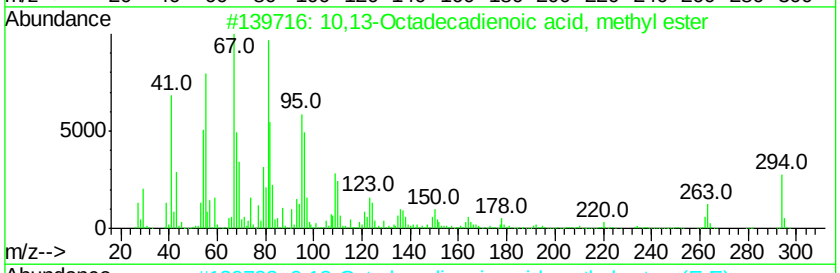
Peak Number 16 10,13-Octadecadienoic acid,... Concentration Rank 1

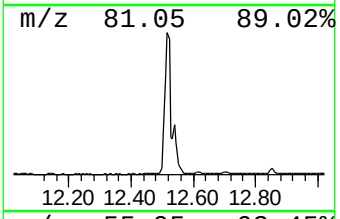
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	153.03 ng	5911750	Phenanthrene-d10	11.45

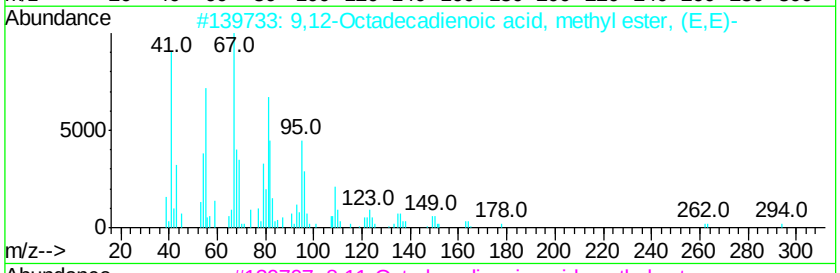
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99

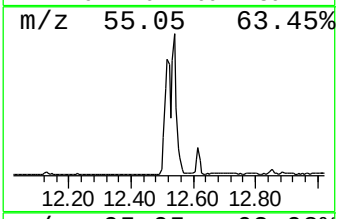


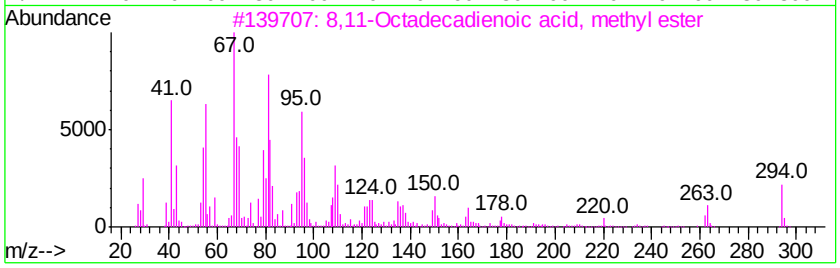


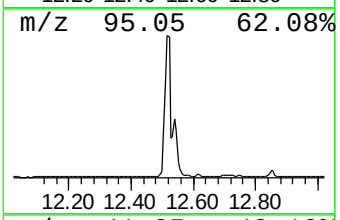


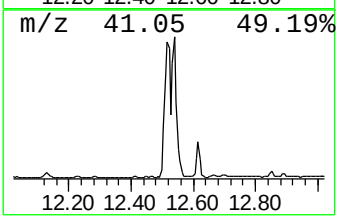












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Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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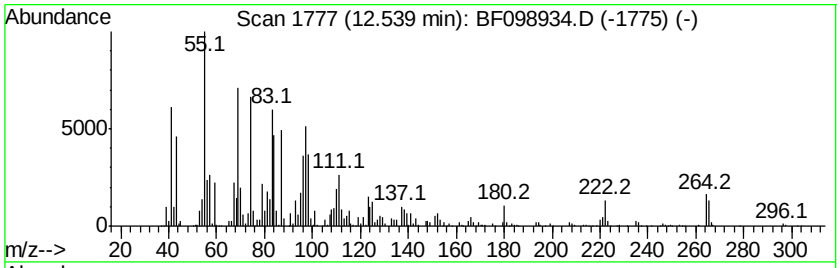
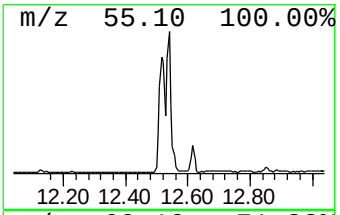
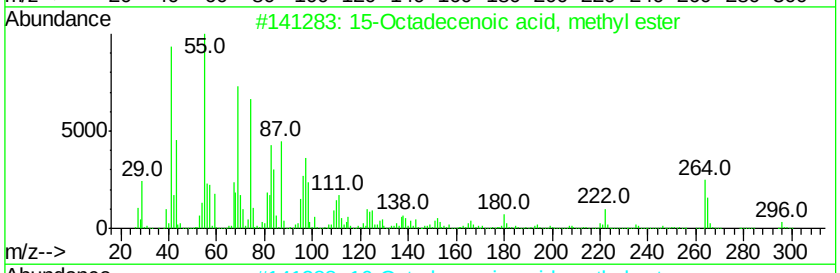
Peak Number 17 15-Octadecenoic acid, methy... Concentration Rank 2

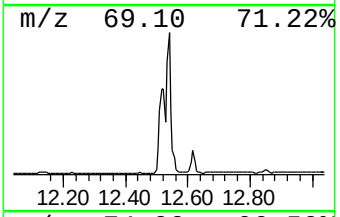
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	111.16 ng	4294350	Phenanthrene-d10	11.45

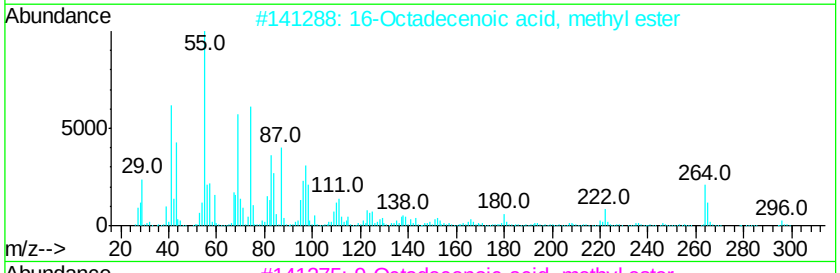
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	95
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94

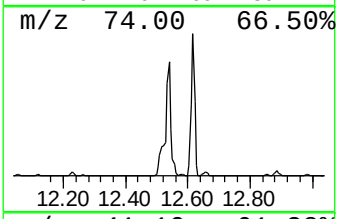


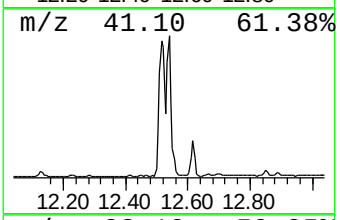


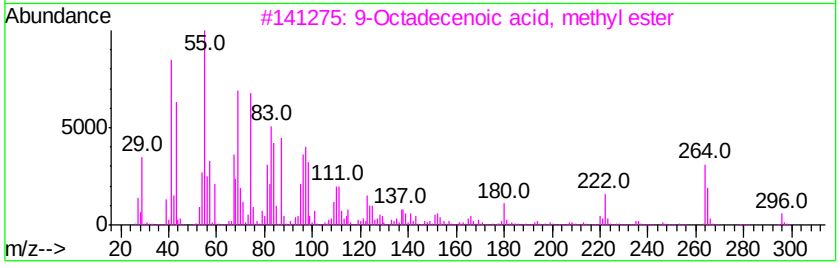


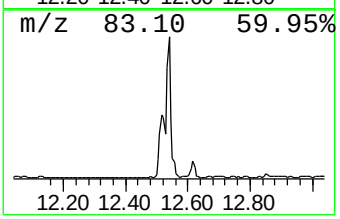












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Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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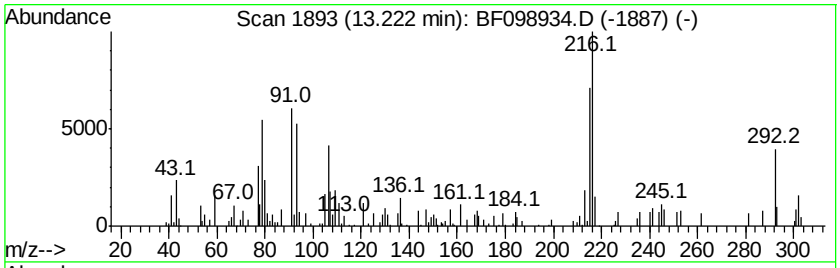
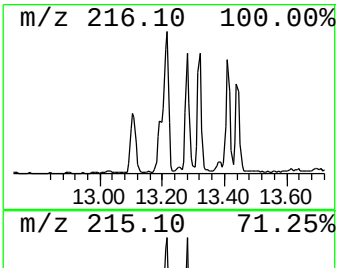
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	7.16 ng	396045	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	43
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	43





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Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

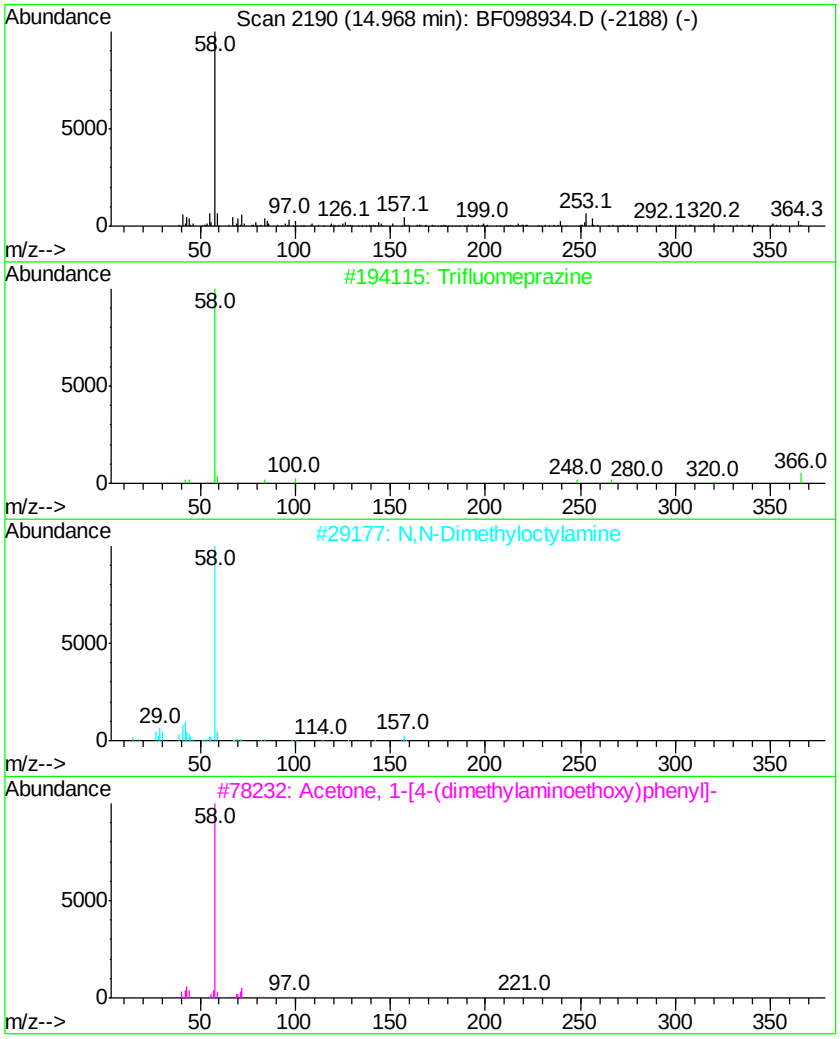
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

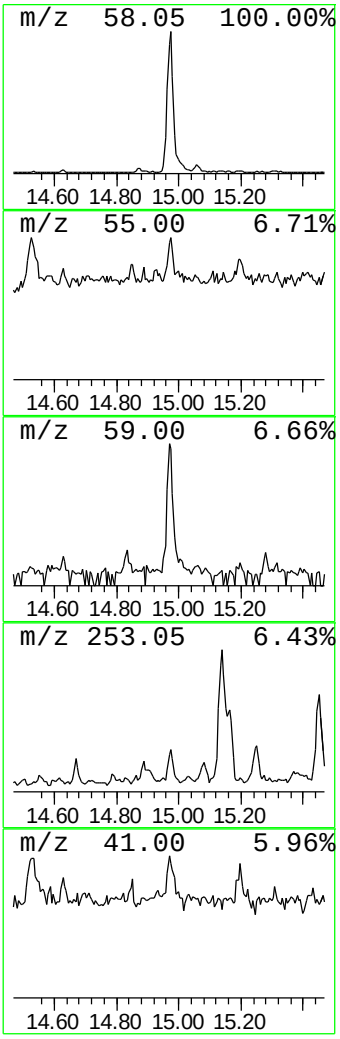
****

Peak Number 19 Trifluomeprazine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.82 ng	119465	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluomeprazine	366	C19H21F3N2S	002622-37-9	59
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	58
3	Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	58
4	Fumaric acid, 2-dimethylaminoeth...	355	C20H37NO4	1000331-65-1	53
5	Dimantine	297	C20H43N	000124-28-7	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

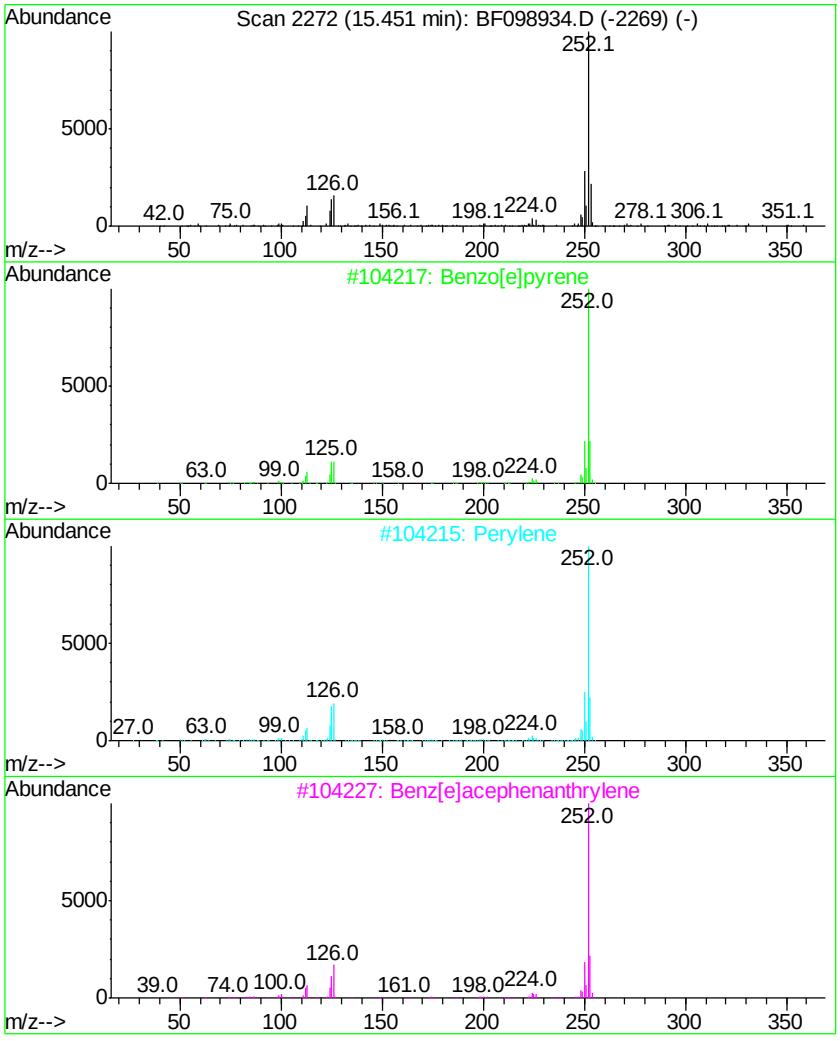
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

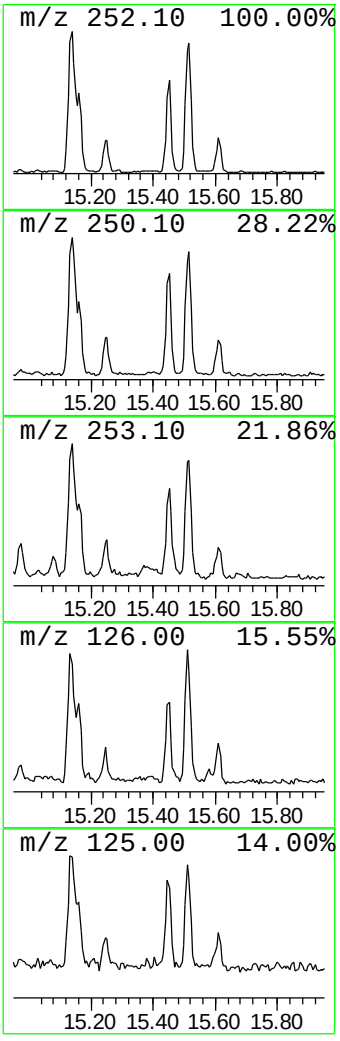
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	5.34 ng	132321	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092817\
Data File : BF098934.D
Acq On : 29 Sep 2017 4:04
Operator : SJ/JU
Sample : I5514-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-092817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.68	6.68	14.4	ng	497066	1	6.92	691322	20.0
Tetradecane	9.35	4.0	ng	132119	3	9.95	653025	20.0
Naphthalene, 1,6-...	9.53	4.0	ng	129265	3	9.95	653025	20.0
Naphthalene, 1,4-...	9.61	5.8	ng	188711	3	9.95	653025	20.0
Hexadecane	9.87	4.6	ng	151106	3	9.95	653025	20.0
Dodecane	10.37	6.2	ng	202342	3	9.95	653025	20.0
Eicosane	10.85	6.1	ng	235947	4	11.45	772638	20.0
Naphtho[2,1-b]thi...	11.34	4.8	ng	184748	4	11.45	772638	20.0
Heptacosane	11.72	4.0	ng	155559	4	11.45	772638	20.0
Hexadecanoic acid...	11.82	49.7	ng	1920030	4	11.45	772638	20.0
Phenanthrene, 2-m...	11.95	5.7	ng	218123	4	11.45	772638	20.0
4H-Cyclopenta[def...	12.06	8.2	ng	317074	4	11.45	772638	20.0
10,13-Octadecadie...	12.52	153.0	ng	5911750	4	11.45	772638	20.0
15-Octadecenoic a...	12.54	111.2	ng	4294350	4	11.45	772638	20.0
11H-Benzo[b]fluorene	13.22	7.2	ng	396045	5	14.09	1105690	20.0
Trifluomeprazine	14.97	4.8	ng	119465	6	15.58	495227	20.0
Benzo[e]pyrene	15.45	5.3	ng	132321	6	15.58	495227	20.0